

# Edifier \$5.1 Super Theater System

- . Sony Lapton X505
- Apple's iBook G4 14
- BenQ PB6210 Multimedia Projector
- · Personal Home Studio: A Primer
- Quetec ASW2201 PC MCIA-B Wireless Adapter / Access Point

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and its drouge IE Date | MERC - Blood prosperience.

## Christmas is a comin' and the goose is getting fat...



couldn't do it without you?

Now often do you see something must blowner? Merry Christmas!

Something that totally opens your mind? Something that makes you ask - How did they do that? Go check this out I was excited in a different way to set a new 40X 512MR

compact flash cord to replace my old 256MB card. Not only faster! I copied a 76MB file to the old card in 56 seconds (1.35MB(s)) and the same file to the new cord in (1) seconds. not a full 512MR card, the savines 379 seconds a 276

Also there's some free software for your wardows bor (that Mac mens have built up) you should know about. Out-PDF and Alop Cote PDF Woter is a figo PDF poster available from http://www.cstepdf.com/- rt works great - no available from http://www.altools.net/ Fraulty a free acetip, rer, exap, for tool for wardows that is totally free and

Enjoy the issue and holidays and see you in the new



Wa want to put a pair of these incredible appakers under your tree. who have been especially nice this year.





#### MediaSonic Bluetooth Dongle Ry Bohalt Khonsori

Introofs devices are possesse up everywhere. Almost ony sensibly designed computer or electronic communication unit is now equipped with Bluetooth Blackpook, Reform Blackcock was concerned, cables were needed for everythens. Connecting a digital carners to a

computer to download pictures? A special cable was required that would match both the camera and the computer ports. How about cell phose to competer? Or cell phose to camera? a computer, and you wanted to have these three connected This would need four cables. If a finend came over with their cell phone, and you wanted to connect to them, a whole set of

different cables would be needed. Bioetooth as a beautiful replacement to all these cobles It's a technology that uses radio frequency to connect two

#### Communication Protocols:

When connecting two devices together, a protocol needs formulate withing in a coffee shop next to you and they connect is 2.4GHZ. This is the same frequency that is assumed to thennelves to your cell phose and download your netures most cordless phones. When a device is not connected to any

for permission Once commetted is autoblished, transfer of important, manufacturers are still shapping devices that are

As yet, Bluetooth is still considered an occopial feature.

But all is not lost. There are ways to convert or give the ability for your device to become Bluetooth enabled. Bixesooth USB dougles are the most corresp way to allow chance to try out Medissonic's Blastoots doeste. I was serv-

the software, and when prompted, inserted the dougle into the USB port. A few moments later, my computer was Blactooth exabled. A small area appears on your task her. When you click on it, it sake you if you want it to creach for other Blustooth devices in range I have seen Bluetooth devices that can be detected as far as 20to away! After the devices as range are detected, you are prompted to connect with that device. This is the great thing about Bluetoots. Everything

without you knowing about it Once you chek on Connect to Dovice, you are prompted

I used two Bitsetroth dougles to share internet from one computer to another I have to admir. I had to show a live of patence, because I sust couldn't get at workens, but once the they were sharing, everything was a brouze. I had one deskage connected to the internet, and I was walking around the house with my lumon, with complete access to the interest via

The Bluetooth dougle is an inexpensive alternative way to

gun Blactooth capabilities without hiving to replace all your devices with Blassooth enabled rear. For additional information connect Wayne Cleans at

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## Sony Ericsson

uret. I get sent these units to review But

time after time. I see that the quality of the festures is just not good enough to replace

phones. They are great to recently there was no way I would ever replace my

Sony Enessen PSOO 1

the balky side, but what they have pecked into this used along trees. This is a

stand alone PDA with a rice large screen, hand writing recognition, both Blactroth and IrDA, visco recorder, MP3 You can ease have MSN recognition and char with some symbian com). On top of all, the P900 has an interrated

comers, and can take pictures or video class and even play

Cernore The P900 enterraces a 336K current that is catable of recording videos in addition to shooting rectures. The quality is similar with all cameras of this caliber. I suspect that the next model will integrate a IMP or bener corners, which

Internet Browsins

The P900 has both as HTML and a WAP browner With the HTML browser, you can download full pages that have made for mobile and smart phones.

The P900 keypad is comfortable to use The keypad a good solid feeling when depressed. When the keyped is



open, you can enter text using the touch

As a phone, I found the nice big screen very helpful in going through my contacts and last rulls. Manneino calls is not a problem The speaker-phone is very rice

for newly places or places free The P900 adds a ninebest part about this is the

will been. The MP3 ring topes earlife you to dewalked almost any MP3 sone into your unit and use that as your ring for a 15 second and of Sin. The P900 is a tra-band eleme so you can use it in different countries.

or take a picture and SMS is to a formal. Go online, and obook the erace of somethray and then call a friend to tell them about your P900 and watch it while having coffee or mansfer your songs from one PDA to another through year IrDA port. If I monomoral cetting the PSOD. The PSOD can be bought for around \$800 through FIDO (www.fldo.cu).

Looks great, relable, sync capability with Outlook and speakerphone capability, excellent connectivity for e-mail, true, and more. Bitastooth, infrared and cable, decree hattery life, tra-bend, full on PDA , MP3 player, MPEQ4 video

Low resolution camera, cost #



c: FT115 - 4871 Shell 8d, Bickwood VSX 326

Sony Laptop - X505

not as more as some of the sensors produced by Apple or sam the Sony

By Babak Khonsar

To make the world's themest and fightest inpeep. Sony consent decided on making the mar free curbon flow making the mar free commonly used in making holds of the white the material and the making and the white the material and the material an

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Continue on page 20



iMac G5





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1,350Hz PowerPC 64 12MB CCR video memory

#### HP Compaq NX9500 Desktop Replacement Laptop

This veite of layers in clafe. "Indeed preferences happy," and happy, has the adaptive shift weeks to be a first faith and happy, and happy happy happy, and happy, and happy happy happy, and happy, has the adaptive shift weeks happy and happy, and happy, has happy and happy, has happy happy happy, and happy, has happy happy happy, and happy happy happy, ha

of measury.

At I are writing this stricks on the NXXXXXXI, have the start on my lap, if a been on for the past week nessury. The became is notify warm by wow height, would take only 20 manuals and the start of th

#### Input output ports

The NXS900 his expansion slots for memory stocks and SD conds to meet the demands of soday's market. There are also four USB, and one PCMCIA cord slots. There is also an infraud port, which I found very useful to sync the laptage with my PDA, Firnwire, animal marrier and S-Vadeo can

## Battery Life The battery life leaves a lot to be desired if would neplex.

the salt after the battery was changed and would do either sense video eithing or just simple programming for 15 minutes or so. The battery meter would register change down to 30 -85%. This would translate into perhaps it 2-bour change Many semilor unter her at 6-bour battery channe life.

#### Performance I had absolutely no problems with this Disabras

replacement lapsop<sup>2</sup>. It were did notes which celling and Plentschop it to serie me me and all flat are for lay box in performance or speed. The node severe is just which enough to open two windows which by safe fully amongh to see full contents of both vindows. As for the sound, the speakers are powerful end be seed that as perspend only a remaining. It trady as restlanced accompanye and electrometerizations: Specie

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UP para VEL, at most, bulk state of motifs, 12-21, fill fill 1914, Cap 24 if hot, 3 d have not mail stronghous. It suffaces when you control stronghous. It suffaces when you can White the suffaces SEC 11 years and the modern White the suffaces SEC 11 years and Sect. one hype (4,011°C and late that apport is selfstrope of the suffaces of the County. Sect. Se

#### Conclusion You defin

You defining on the performance of a hydr cell colored in COM, then NAVISOO! The service via the reposed of a COM, then NAVISOO! The service via the reposed of a COM, the service via the ser

#### Pros Super quot fam, very good cooling system, wate 17-inch

homery change lafe, about 2 bours #

screen, Harmon speakers, CD burner

#### Price, see and weight (though compact and fight compared to a deskop), very servitive touch pad, to pretent the current fact some a defficient size.



### Quetec ASW 2201 PCMCIA-B Wireless Adapter / Access Point

by sousse i

Own Proceedings (No. 1994) (No. Proceedings (No. 1994) (No. 1994)

ntwopates (a Rodel Buello: ASYN 2001 POICE/F4 Minners Arbejto: / Access Fest. RSFF 180 CAD by //www.operboczo/probats\_pomodé him No Panagamento, Pantoni IB 1865 pr alone optine, Minners 12

The stage of the s

contribute in A revision writers in contribug sension should be samilors—and their what I fought on the Quetice PCMCIA Wiceless. So let's look at an exemple use sentance that purceined itself the day below I fittished writing their noview. One of our staff that works from home meeted to come work at the office. He shows up with this integer forth a deck to work at office. He shows up with this integer forth a deck to work at the contribute of the shows the same properties. had you finated sandling in the Stop PCC/TAXAF for it.

To small the product I would be able to the other than the sandling of the sandling of

Using the Owner ofference in the operatory) have distance parts. But Silve state of the value of season parts, the compress, the encryptic pic season, the Silve George Silve Silv

My only complaint as why adult they have the concouncer Heisting a regular windress controls in this harmagcal phaper—of course life sould—but it makes you want a colbinater no you can small your come. Helply you conseally and panilessly make your own wincloss active clock every sharm you go. Soore people that was not be interest or everything make your complaint that this is 1852.11 has not you the faster RCL 11gcouncilies that these is 1852.11 has not you the faster RCL 11gth and it is not seen to the proper perfecting to have a DVD player or with a life soon people preferring to have a DVD player as with the make any own stell broad here investigate upon the risk white you want to be considered.

to the interact through the Queste PCMCIA Wireless card 1



Christmas zift! About 2 years ago I bought some

very herey with them I've been lookens forward to

inch cloth dome tweeters - not the single drivers that other

other vendors have a senale 2.5" driver without the tweeter. And best of all - this system sounds fabelous. The 2

principle some surround So when Dourles In local sensitive of Ediffer orealers about the same size as a 19" CRT monitor box. I thought he

Now from my own "exhaustrie" research in a his hou retailer Goolong at a new TVI I have seen surround sound packages being offered from Logitech, Yorisha and Pirracer for between \$299 and \$399. The Ediffer system set is in a enclosure, not the small plastic speakers offered by other vendors. In addition all the satellites have larger than usual 4

difference. For my test I played Rome: Total War, and Are of Mythelogy Gold Edition, first using my saidle driver Super Theatre System, I know it's like comparing a maddy should spend the \$350 to unequie

startled. But? The sound was actually startless. I couldn't believe the realism and clerity of this system compared to my old 2 speaker system - the only companion I can make from as audio standpoint is to compace AM to FM - it's a whole different expensesce.

and troble and bass, plus at has the ability to be unaraded to a 6 I assum. So Santa doesn't even have to leave the confort.





white nozebook prices so low, peneducally everyens on proceedings of the peneducal processor of the peneducal peneducal performance since however, I think there is a more important ratio to consider price / performance peneducal peneduc

consider - prior / performance / secons - and co this zone lappeng slaveys at the same. By their right per slaveys in the same principle for the principle considerable in how many south prior to considerable in how many south per south per control of year composer personner. Lappeng was composer personner. Lappeng was and so get more south or not of them - whereas a dealings a stake in one place Though if yee work sill day, one place Though if yee work sill day, and come here is used year company you right not think in these a difference it sill fairs to the right person city as of unit allow to the ray lappen on city as of unit and the same you would move the composition of the property of the prior on city as of unit and the composition of the prior on city as of unit and the prior on city as of unit and the prior of the prior on city as of unit and the prior of the prior of

Apple's illook is their entry laptop line and is much chasper than the Powerflook starts at \$2,649 - \$1,000 more than the iBook version Of course the Powerbook version has lots of astra geodies - but for most users the iBook covers all the boso. Compared with the loss sythich PC

the Apple Blooks fir and friends in Burdens Apple 56 of processor all on advances much bener - this tifcoli in another much bener - this tifcoli in another processor is the second of the original burdens and the second of all the energy settings off I natually off I god hours - and much benefit and artist with referrir batterns and officenthed life burdens for size Novo controlled to design of the same has been controlly thought from the placement of all I/O connectors on the Palacement of all I/O connectors on the first than the size for loading Conferdence this war, is almost perfectly from a time star is almost perfectly from a time star is almost perfectly and the size of t

There's a lot to film about Apple's on one in, single button mouse still G4 illeok. Built in modern, 10/100 drives me enany \$\infty\$ 

waterdynamous and in 1993 to \$100 to \$1

Base-T enternet, Asspect Barrens Ferowire 400, 2 USB 2.0 jacks, a men VGA jack and a beadphone jack Th

this I had for intring came with a 600ll drive and 768MB of RAM However - my biggest compliant in with the build quality of the LCD. It is

not as sharp or as bright as the unit used in the PowerBook series. The LCD in a liptop maybe one of the single most expansive components, so I can understand using a less expensive unit. If I wasn't used to the 17° LCD on my PowerBook the LCD on the Book wouldn't having bothered ms.

5 9 lbs, 6 hour battery in economy mode, only 1 35" thick, durable feeling

VGA out only supports mirroringnot a bugger desktop by default must apply macparts devitook patch to fix, no mer us, single buston mouse still desaw me course.

#### AMD Socket 939 4000+ and FX55

Review by Josep Jacobs, Technolog Laba

AMD's Socket 939

As most are owner AMD launched us Socior 939 rescensor line a short while area. This article will cover AMD's latest offense to the Socket 939 line, the 4000+ and the FX 55. The socket 939 processors offered a dynamic increase in productivity and computing power over anything Macrosoft over release at 64 his operation system and 64 his programs become widely available. Instally the Socket 939 made its debut in performance satisfies, the 3800+ and the

The 4000+ represents a definite strate symbol for AMD recent appropriess by Intel that it is canceling its 4Ghz part development. When AMD was asked about their performance manages they responded that the ratings are radependent of Iracl parts and are rated based upon a percentage increase (determined through testing) in that the marketing and PR departments at AMD must be having a field day with this listnoth. Does the 4000+ live up

The AMD Socket 939 4000+



AMD ATHLON 64 40004 TECH SPECS I.1 Cache See, 64KB data a 64KB entruction = 178KB

L2 Coche Size: IMB (exclusive) CPU to Memory Controller: 2.40GHz Tyres of Memory PC1600 PC2100 PC2200 and PC2200 DDR memory

HyperTransport Spec: 2GHz (2x 1000MHz / DDR) Effective data bandwidth. Up to 14.4 GB/sec (8GB/sec

HyperTennsport bandwidth plus 6.4GB/sec memory bondwidth)

88 Princed Destricts 1 PHINTED II Awardressessesses

Packagine 939 mm organic micro-PGA Fab location: AMD's Fab 30 water frémention facility in Process Technology 130nm (.13-micron) Silicon on

Approximate Translator count: MS 9 millson

Max Ausbiere Cose Teren 30 degrees Column Max Thermal Power 89 W Max lee (processor current): 57.4A.



AMD ATHLON 64 FXS5 TECH SPECS: L1 Cuche Size 64KB data + 64KB instruction = 124KB

L2 Cache Size. 1MB (exclusive) CPU Core Frequency 2,600Hz CPII to Memory Cosmoller, 2,60GHz

Memory Interrated 128-bit wide memory commiler Types of Memory PC1600, PC2100, PC2300 and PC3200 DDP versory HyperTrussport Sport 2GHz (2v. 1000MHz / DDR)

Effective data handwidth: Un to 14.4 GB/sec (8GB/sec HyperTransport handwidth plus 6.4GB/sec memory Packaging 939-pen organic micro-PGA

Esh Jacobse- AMDY: Esh 30 water fabrication facility in Process Technology: 130nm (.13-micron) Silicon on Insulator (SOI)

Accounting Transister court, 105.9 million Max Ambient Cise Temp: 63 degrees Celsius

Max Ice (processor carrent), 80A A closer look at the 4000s b

## BenQ PB6210 Multimedia Projector

DLP emircino system 2000 ANSI lamena 1024v368

prodution 2000 I high contrast nature 4/3 expect rano 31" to 300" large image upg. 60" 2 to wake apple lone. S not of

preset mode, whateer quiet 26 db (econogsy mode)

HDTV and committee enclosures on to SYGA (1280x1024), NTSC, PAL, SECAM

Lenn and throw distance.

Manual acceptions less with a 1.2x zoon strac. On the PB6210, 100°, 4/3 smage is magazed between 11 and 13 feet. The P96210 can deliver a large image from any distance,

Connection Panel:

On the back of the unit are all the connections. There is a 15-pin VGA port through which all component and HDTV suck. Two beg downfalls of the 6210 are that at has easy Svideo and composite uppers. There are no component video ineuty. Instead, specific converter beaut and VGA cables can

be purchased to correlment the system.

The PB6210 roses a 200W NSH lower with 2000 bears of life in nerral mode and 3000 hours in aco-mode Retail prior of replacement large as \$400, which is usual

Only a few years and, if you wanted to enjoy the richness of a home theater projection system, you would have paid around \$10,000 for a low-end projector. The BenQ P96210 offers unemagazoble pecture for a low price of around \$1500 I have been following the DLP market for a while rouding the property and checking advertisements, but have never seen an actual DLP morector on display and in use. This might be because in the retail environment these projectors don't display well because of the ambient light.

Home theater choices are still pricey. Your choices are a places TV starting at approximately \$3,000, in 60° can be as much as \$15,000), noting a year projection but screen TV (which are not very space efficient) or a ceiling mounted DLP projector. The DLP projectors are great for price

The first thank that you notice about the PR6210 is how light it is, It only worth about 5 or 6 lbs. It is compact and very stylish. Then I throught about the unit's portability. being able to take this to presentations, or to friends and

family visits to watch big screen Caserus from hierally menester around the options. I did not have a proper expected acrees to vary this used so I was using my apartment well as the beckeround Still, the proteen quality and color were amountally coup and clear I even tried DVDs and an effective and officerst rool for meantances. It didn't have the tret long enough to know how lone term

usage would affect the picture quality.

Color accuracy is well above average. While there are better color decoders in more expensive units, there are no obvests arrest that I found distriction. Flesh tones looked exceptionally pleasure. I wasn't too impressed with viewing standard TV signals on the P96230 The pacture looked flat they west. The PR6210 as round at a back 2000 Law, will the only contion that you should take into consideration is the 1940 of this product in ambient light. You don't need total darknown to use this projector and you'll get excellent picture coulity even with some light, but to fully appropriate the reciness of control lighting, aspecially daytime use from windows

Fen/Heat

are always a big issue. On this unit, I found the fire noise to be negligible, in fact as seen as the sinho track started. I

Conclusion The BenO PB6210 is an impressive machine and delivers

excellent value in today's market. It is an economy class for computer video surses and presentations to well as for DVD and television viewing. The PB6210 performs bost with component progressive scan DVD input Component composite are deallowed with a significant softening of the strains when command to compensat progressive You should therefore order a video cable that will enable you to sepat component video through the VGA port. This more www.prfcrespagneh.org | PNSH-01988 | Decree-204 Prfcresoft 16 Entertainment wounter to see you say it in Protestance? Ben0 PR6210

either a cable with a 3 RCA sicks on one end and a 15-pin VGA represents on the other, or one with 5 RNCs on one and and a 15-pm VGA on the other, depending on the output configuration of your video source. You will end up with exceptional space quality for the money that you spond recommend the PR6210 of you are looking at broking a

Pros: Protuce quality brightness, colors, HDTV support

## Const

Replacement lamps expensive

Lack of component video input: the projector features is sent. However, it requires either a special adapter or a special Sony Lanton - X505 Continued from state 10

more comfortable with track pade, but after a whole you don't

#### Speaker:

The X505 has a single mono speaker I used the built-in standard 3.5mm stereo out juck to three headphones and

WIFI WIFI capability makes a computer alive it makes it an extension of our lives rather than just a stand alone use to store things. At first I was kind of disappointed that Sony did include a 202 11h/o WIFI conf that makes up for it. This WIFI card amount me with its performance and quality. I compared this PC card with a friend of risac's Even when

both lastoes were in the same location, my Soay WIFI and picked up four or five signals where my friend's card only Considering the XS05 has no internal CD/DVD drives. cooling firm or integrated WIFL it is not surprising to see that the battery can supply over 2 hours of power to the unit

innovations, and the XSIS is a good example of what Spey does best I had a lot of fun with the X505 However, I don't firstk n's really designed to replace a real laptop. Plest of all, it's so this and looks so fragile that I was always weered of

able to put this mode a portfolio and not having to carry a laptop bag was enough to make me sad when I had to return this Slock and light, the XS05 is without a doubt state of the show presentations, or carrying on business trips where weight is an issue. You pay over \$4000 for this lactor, when

Thin () on stucks, eve catching, beautiful design, 2-hour bettery life

Expensive, no modern, so interrested WIFL no Bigglooth,

# PC'ALLEY COMPUTERS



## Paypal Allows SMEs To Accept Credit Cards With Ease

1 eBC, we frequently get sequents averaging e-commerce and how to process credit card payments online. The majority of these negaries come from small or start-up products on the web Disfort ready the cost of setting up an opline merchant account to account credit carely is often prohibitive for must of their priv

One of our voles or eBC to be solutions to small and materialized esterarises (SMEs). Often, we suppost PayPal - www.paypal.com - as a am a merclar offers user or a mercancelling shoemer, you may not have time payment solution that is quickly leading provinces actwork for palene suction websites In fact, PayPul's market dominance was confirmed

PayPal serves as a payment mechanism between any two people by allowing them to send and receive service - after that, they can use their email address to buy products online securely, conveniently and cost

For a SME, the advantage of pure a billing solution such as PayPul in affordability. Small businesses that are

conduct a bush volume of transactions can use PhyPul as their o-commerce solumon at a fraction of the cost it would take to e-commerce emble their

PayPal is also a great option for SMEs that many mot be able to get on celline merchant account due to assofficeest credit, or poor financial expensive application research received by banks, Parther, PayPal allows SMEs to accept credit cards at very attractive PayPall does not charge act-up fors.

option of funding their accounts derectly from their bank account or from a credit and It takes about 3-4 in exactly the same morner, each

profer, you can deposat furch ammediately rato your PayPol account via a credit card Registering your craft and with PovPol sesures that funds will be available for deposit jets

leternet, it is also flexible enough to serve as a complete biffing solution for SMEx it provides a variety of e-

commerce solutions that can be your website. Once a visitor decides to temportion is processed And, if your business sells multiple products and

morthly fees, or morthly commons. commerce solution is entired for success in cybenspace Credit cards ourchase on their crude card. The PayPal name also lends the respectability of a strong reputation somewhat relaction to common up ecommerce

Finding a chien and efficient e-

With over 25 milion users and 3 continues to build on its strong mentation as an online payment solution. With an account base provens by 28, 000 users a day, PayPal online powerest system for SMEs

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# Personal Home Studios: **A Primer**

ental acatio recording has that variable anyone with a good idea now has the ability to create a high quality figured product without going to an expensive commercial wants to produce mose at herne? What are the benefits and pitfulls of working in the digital realm? Here is a first look personal recording environment.

#### Herdware

A big portion of your budget should chain as possible. The basic signal obtain is instrument/microahoue to

# Ductors 118-122 (Big. 1)

quality of your DAC will Ultrastely determine how well your finel output will sound. Fortunately, there are many greating The Discoun US-122 (Fig. 1). about \$260 Cds, is an especially rice cable) for a total mobile reconfuse solution With a good, reasonably priced condenser microphone like the performances anywhere, anytime

now; apparently, Bryan Adams

22 Printersoft Service 2001 | PURSUES STREET | was

monded many of his latest aftern's vecal tracks in botcl rooms across Microphone (Fig. 2)

#### will need a fairly newerful communer with a bur, first hard drave Fortunately, most computers built in the last few years have more than enough carecity to bondle dental audio

recording Whether an you use a Mac or PC has become rather ockus fategab recen

great be optimally streamlaned

recording, Important factors include

the bases drivers. In digital recording, it's not gast CPU speed and disk size consistently multiple coordination of all the narts. You don't want clicks and noes in your audio while you're suitars, make some the andio recertion you choose can handle MIDI and audio

these guden interfaces resource the operating system to be up to date

#### On the software side, there are on

endicus number of programs that yeary in complexity and nince Most new feature cool plag-us that can provide effects for tabe amplifier sirralation, reverb, delay, compression, EQ, and



Propellerhand Reason (Fig. 3)

Oute popular new a Protellerhead's Reason (Fig. 3) and Ableton Live These guid-proved ambretons (around \$600 IIS) allend synthespars, 'Soft synthe', as they'm affectionately called, allow you to use a MIDI keyboard to access an incredible well together. Noise is often an issue, hardware so they are quite inturive to so the higher the signal-to-mose ratio,











who doesn't wast to be bogged down. programs can enable you to per a decast track operates as quickly as you.

Moving up in pinco (over \$1000) searcacers like Empre's Lotte Audio Plenners and Steinberg's Neendo These are complete professional packages that are used by too recording artists and commercial

demanding producers. These have Putting it ell together.

Deciding what year to get will length CD? Jast have a tane you'd like

for under \$2000. If you already own a computer, then you may only need to speed about \$1000. Here is a listing of

1) audio interface (M-Avelia Audiophile, Tiscam US-122 Ritirol

3) software (Propollerhead Reason, Ableton Lave, Colcowalk Soner)

Some rice addresses 1) MIDI keyboard (M-Audio Oxygen

3) steday tows (conspressor, valve

component is shrinking rapidly Parts. recorded off-hendedly in a low-cost rendances and artists profer to work at the comfort of a badroom or basement. only utiliting a fell-blown stades for live drams and sweet acquainc spaces removement, perfectly with carneted

equalities, exotic pressups) The great thing is that the

or padded walls and away from tolerted knowledgesible sound engineenre. Becareful not so let seductive digital toys

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# Online Payment Processing **Explained In Plain English**

Not all banks have the ability to

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banks consider businesses that conduct sales over the leternet as very high risk If you are going to use the Internet location in addition to your virtual

may expect that you open a business. have an established account with a

## Once you've been approved for a

will accord your credit card orders online certified and most banks will suggest one or two that they work with - although Edifier S5.1 Super Theater System

Continued from party 16 thron orn source that another to smeakers. in reneral - not just this unit the computer are colour coded - but the

= cettre / sub, c) blue to purple = man In addition the supplied 6 head (3 red/white pairs it would have been

vellow/vellow white, on the cables and

your coolection is accomed, expect to percentage called a discourt fee or

pay something called a push funds fee

In addition to merchant account charges and set up fees along with

payment gateway - this is an

servised Maybe the will help There are alternatives to applying for no ontry a provide featured payment

luxury usted system performs After complines the sound and the had a water on our hands. We liked

· All MDF wood endesares.

resonance than the plantic used by Manustically shielded drivers, does not unterfere with comester monitors

Beaugnessmoon generally offer less and francial maximuments, sped up application processes and do not require as up-from depose - though in ceture

they may charge higher fees for their In fact, listemet payment companies with 'minder' merchant account sixtus may act as both morchant account

the process is further streamlined to let peer money transfer systems such as

PayPul which don't require a merchant and seller to subscribe to their service. partial listing grade:

· PSIGgte www.negate.com · Bosestream www beaustream com-· GlobalPay www.elobalpaymenthric

· Internet Secure www.internetSecure . Some Bank www.sperialsok.com

\* TD Conada Trust www.onlinemart.ca

· 4 inch mid-cance drivers and 3/4

· Micro-Computer controlled, digital

. VFD unde deplay leftward remote. controller and front senel key

. Flash memory to save the afrosted . Hist-power driver, with high-

\* 61 channel aspers, Dolby Dietral(AC-3) made DTS made can

be applied to EX6 I system \$



Morasoft Office Xp Stendard Upgresie (BCX) Morasoft Picture it Photo Premium (BCX) Microsoft Share Point Portal Server 2003 wit user show

Microsoft Windows XP Home (SIGK) Microsoft Windows XP Home Edition Upgrade (BCXC) Microsoft Works Subs 2004 upgrade Microsoft Works Subs 2005 (9073)

spicom apply to be our res

### Sony DSC-P150 Digital Camera

ony's new Cyber-shot DSC-P150 is the world's first compact point-and-shoot degral camera leeded with

7.7 mess part for a of more of communicately \$900

Modes, Options, and Features.

The P150 is limited in missial settings. Besse settings. such as resieve, imited suce and flesh settings can be modified. The marrial mode allows adjustments to the shatter spord and aperture softings. Some mode has 9 modes. to 100 shots at 1 61 frames per second.

Movie Mode

The P150 has one of the best movue modes I've seen within digital camerus. The size of the movie is ligared only by memory space on your card. There is a built in mic and speaker. There are recording oppose of 640x480 at 30 fee, at 15 fps or 160x112 at 8 fps. The movies are all recorded with sadio. The video quality is great, but the audio I was getting.

Picture and file size 28 Internal Apply 201 | NGCGGGG | meaningsports on



masses are seved in JPEG format with a choice of either standard or fine compression somings. The P150 at its highest mediance setting can yield an image size of 3072 x 2304; enough pearls to make a 300 dpc 8 by 10 coloryement. An MB of space on your memory card. The flesh could have been more powerful. Pictures taken at might were not as share as the ones taken in destight.

The P150 unitizes a removerary lithium one bettery. Sony chieras the battery should allow for 320 shors before recharge I got about 200 shots, but I was using flash on a regular basis. Still, that's greaty good and the changes of the battery leaving you humans without a charge are pretty low. As with most Seev DSC camena, the battery charges areado the camera, so

Conclusion: This is a comora meant for becomes but with some firmfed munual controls. I loved the macro featons with the on, and it would be up and receive within I spoond, another half second to take the picture, and then one second to turn it off. So it was taking less than 3 seconds to take a pecture and for a 7 MP carners. If you are looking for a high quality carners with mostly automotic features, this is the night

Pros: Small saze, 7 mega pozels, carriera actianas are more or

Low powered flash, \$







Control of the contro

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Beta Laurch of New MSN Search Service

close to home.

service Sporting a Google-

Controversial Video Game Based on Kennedy Assapelnation

You may want to think twice before orthag this item for your kids this un On Nevember 11, MSN unverled a Limited released JFK Releaded, a

bets version of its new MSN Search game that re-creates the John F. Kennedy assessments Vividity depicting the

interface, the new site can crasses through Dealey Plaza st Dollas and allowing the player to fire information and resources that are geographically at the president from Gewald's perch in the School Book "The release of our beta is a huge Depository building, the game has

consumers are looking for online, factor politicians and the nameral public. than previous versions of MSN Through a spokesporson, Senstor Search," said Youaf Mohdi, corporate Edward Kennedy, brother of the late provident, has called at "despacable." vice president for the MSN Information Kirk Ewing, Triffic's managing at Microsoft Corp. "With better musite interesting technologies focused on and recen powerful wearch tools, MSN ts to provide a malbatic appropriate for Search is creating a new, bushes usen to test the lose common theory. standard for coline search - one that The gamer who can most accuracly helps consumers find the information

replicate Oswald's shooting on November 22, 1963, can win up to \$100,000. "We organish behave that if we'll be able to discrove once and for all any action that someone else was smolved in the

assumation of Propping But Christy Glothic from Children NOW, a group promoting safer modes for children, states, "I would thank the only [leases it teacher] as how to be an assassin."

at http://www.tfkrdooded.net/. but, bu advised, some strages may be offensive and phosists. West Coast Security Forum

Hold this year at the Wester. Basshore on Monday, November 22, the forum presented key industry PGP and Rob Chule CTO of Symantic

Information sessions covered the core areas of compting security from securing wageless communications. secondy solutions and constitu-The every was approximal by a consistence of corporations headiners like MicroSoft, Symantic Delotte, Great Thornton, and Seccuris, with help from Canadian

But the real excitement for me as an observer, had to definitely come from the Innovation Pavilion. The Pavilion participants were selected on the concest, relative new company (under 2 years), small besmoss (under 200 employees, local (BC) R&D. Thussmall ofth group of seven BC - based

Amone this cross is Liver ? Technologies (http://www.laver/tech com). with their product SecureSpan

simplifies web services security policies integration from a programmer's sob to that of a security

Whitenesse Laboritories developed a security product, able to withstand superconnuter attacks with a speed of 10 megabytes in 5 seconds (more than 3 times faster than W's closest competitor) using an USB interface. This file security device can sensitizeepsly.

OrcaFlow™ from Cotaces Networks (http://www.orceflow.ca), focuses on climansting mahetous network truffic by creating a reliable and effective DDoS and leternet worm detection grid. The OrcaFlow technology alerts in seconds breaches to the security enabling IT security policy to buzz into action.

Samsung's New 4-Inch Screen for Portable Media Players

On November 3, 2004. world's largest provider of TFT LCD display panels, renounced that it had developed a 4-mch scroon samon ratio exclusively for Portable Media Players (PMP). PMP is a nextprocessor makenedia player that our play video (mages downloaded from the Interact at any time, may where mu for a fall scale portable video player months PMP's expanded capacity allows for vanety of media player

double for yourself if the new MSN

Search is all it's cracked on to be at.



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